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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/014,953	
	Filing Date	December 11, 2001	
	First Named Inventor	Lubert STRYER	
	Art Unit	1631	
	Examiner Name	Eric S. Dejong	
Total Number of Pages In This Submission	6	Attorney Docket Number	2000A

ENCLOSURES (check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc.		
Signature	<i>Leticia R. Block</i>		
Printed Name	Leticia R. Block		
Date	April 20, 2005	Reg. No.	50,167

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APR 20 2005

PATENT

Attorney Docket No. 2000A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lubert Stryer

Examiner: Eric S. Dejong

Serial No: 10/014,953

Group Art Unit: 1631

Filing Date: December 11, 2001

Title: **Computer-aided nucleic acid
Sequencing**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE

Sir:

In reply to the Office Action mailed March 25, 2005, Applicant submits the following:
Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.